

FIG. 1

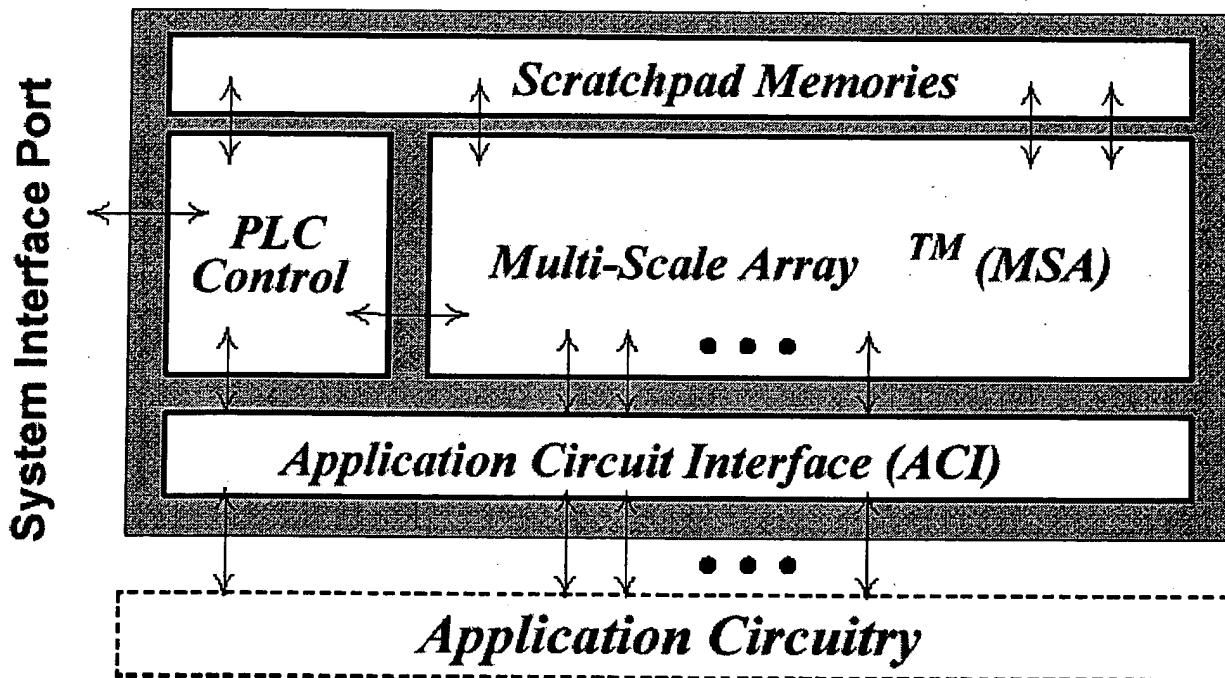


FIG. 2

FIG. 3

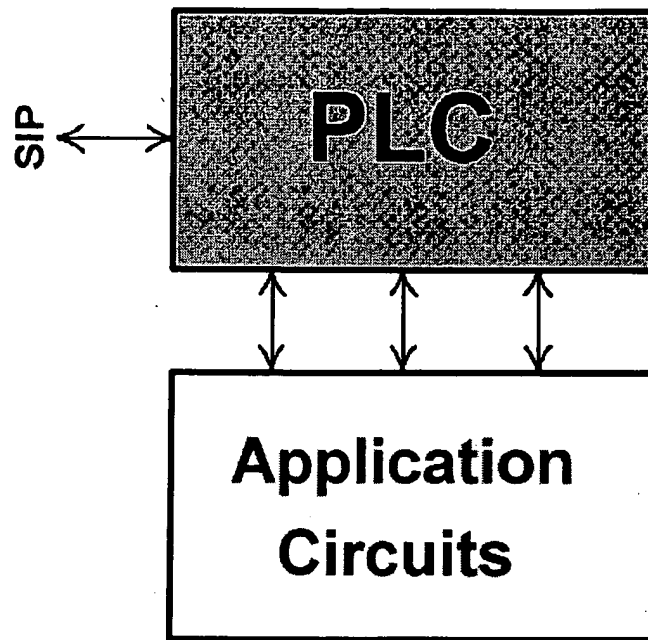
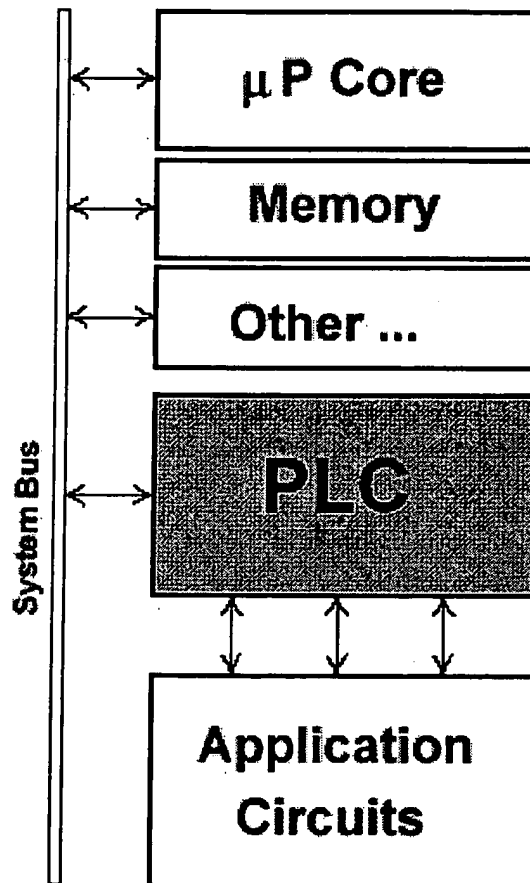


FIG. 4



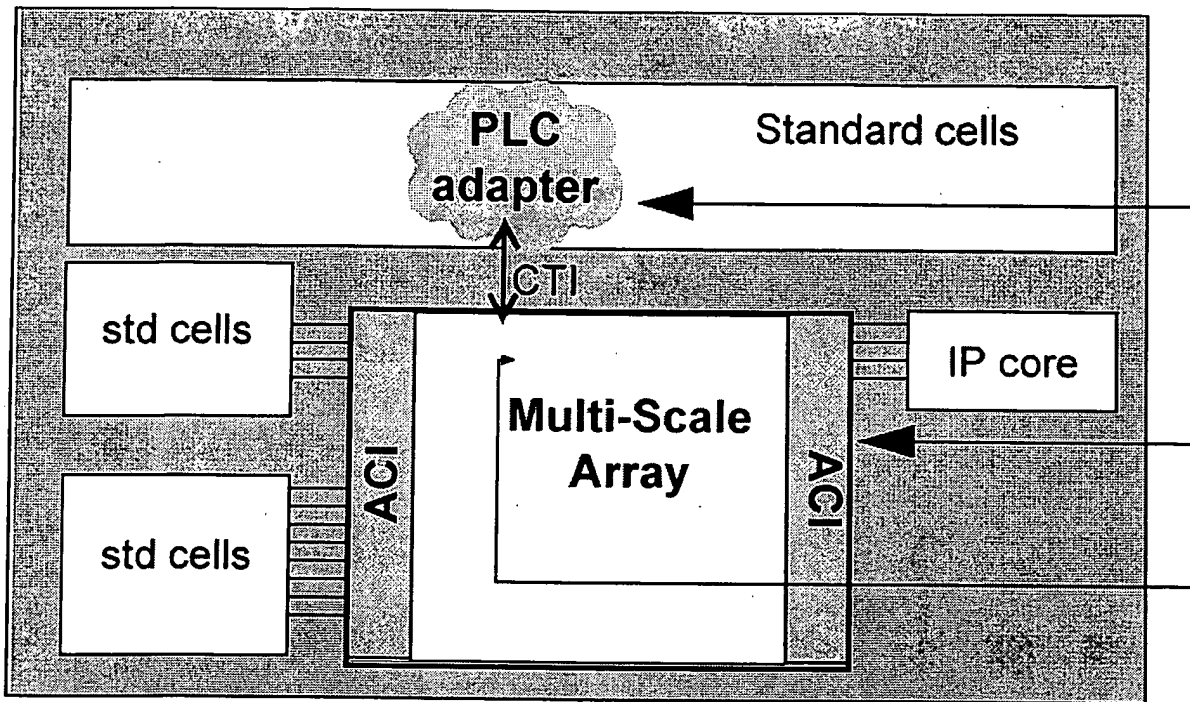


FIG. 5

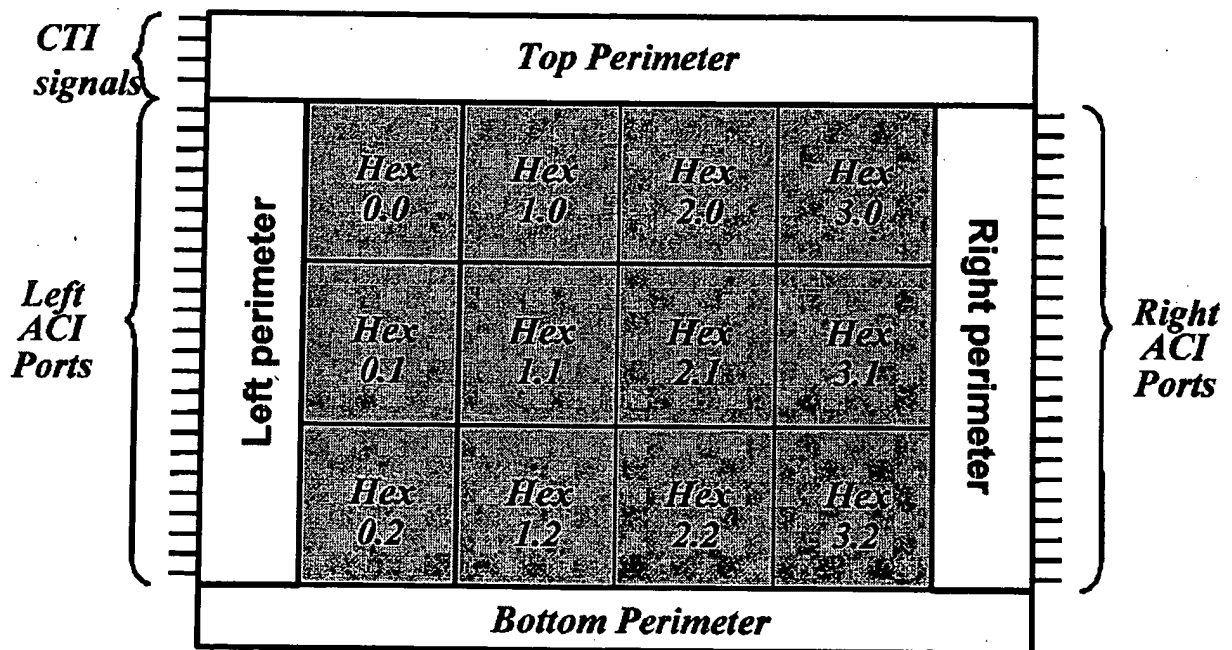


FIG. 6

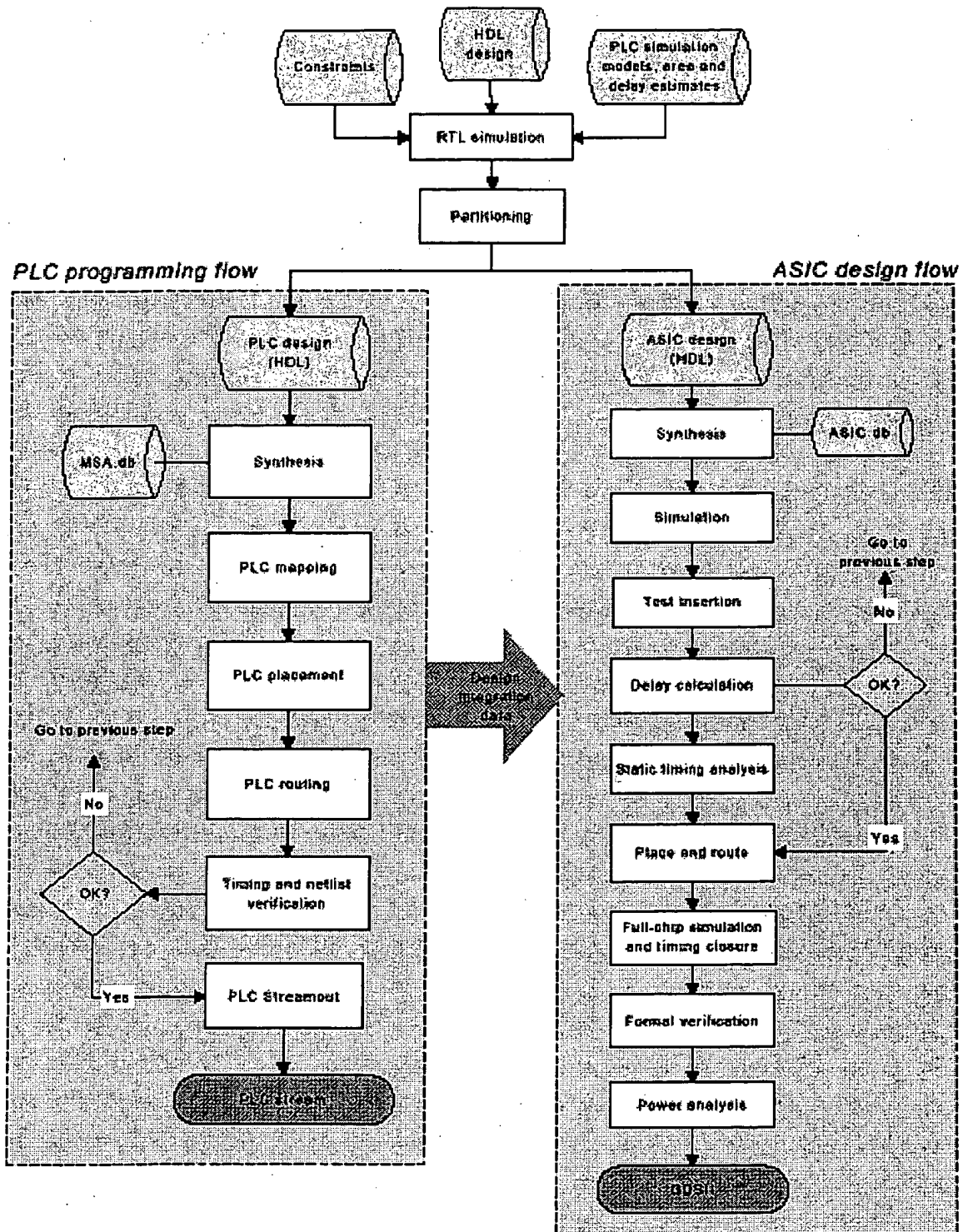
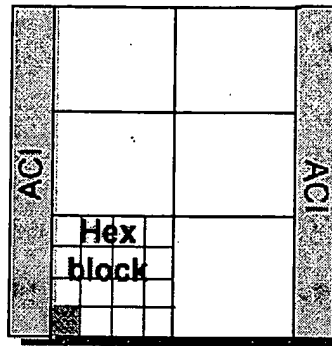
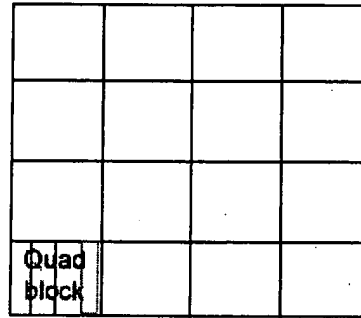


FIG. 7

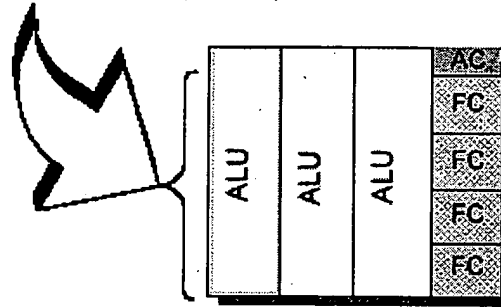
The MSA is made up of *hex blocks*.



Each *hex block* contains 16 *quad blocks*.



Each *quad block* contains four *ALUs*.



Each ALU contains four *function cells* (FC) and one *ALU controller* (AC).

FIG. 8

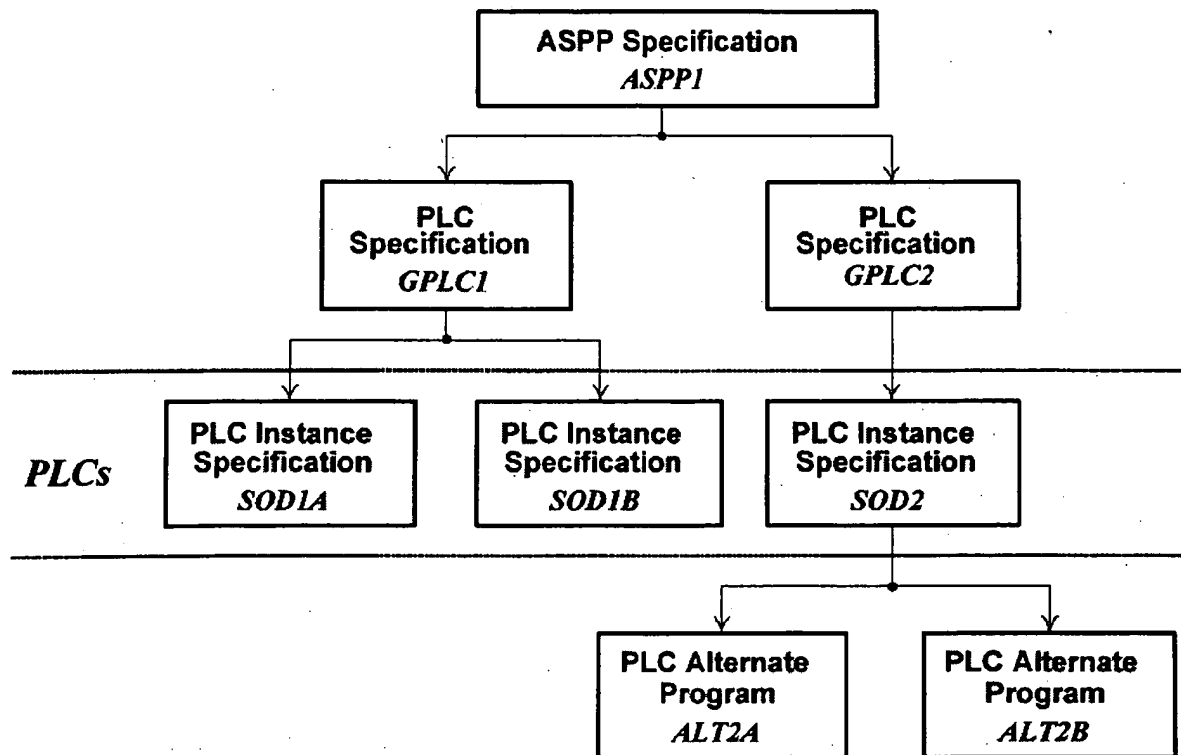


FIG. 9

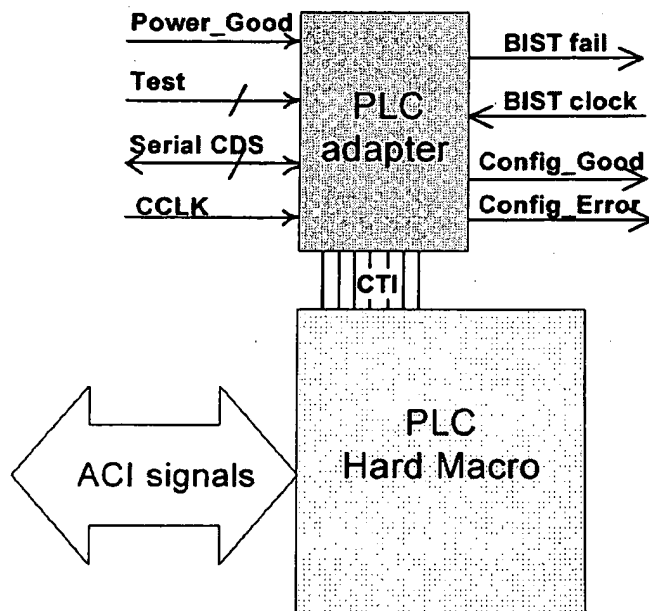


FIG. 10

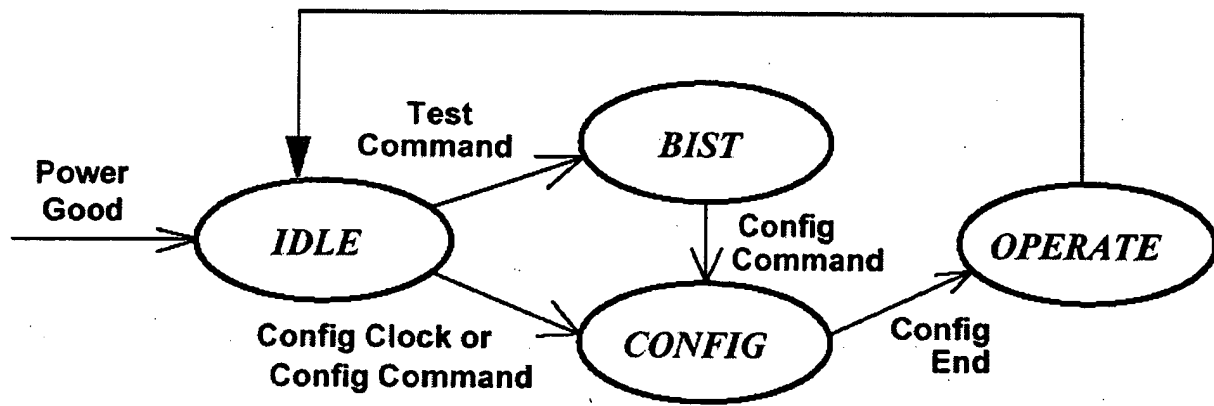


FIG. 11

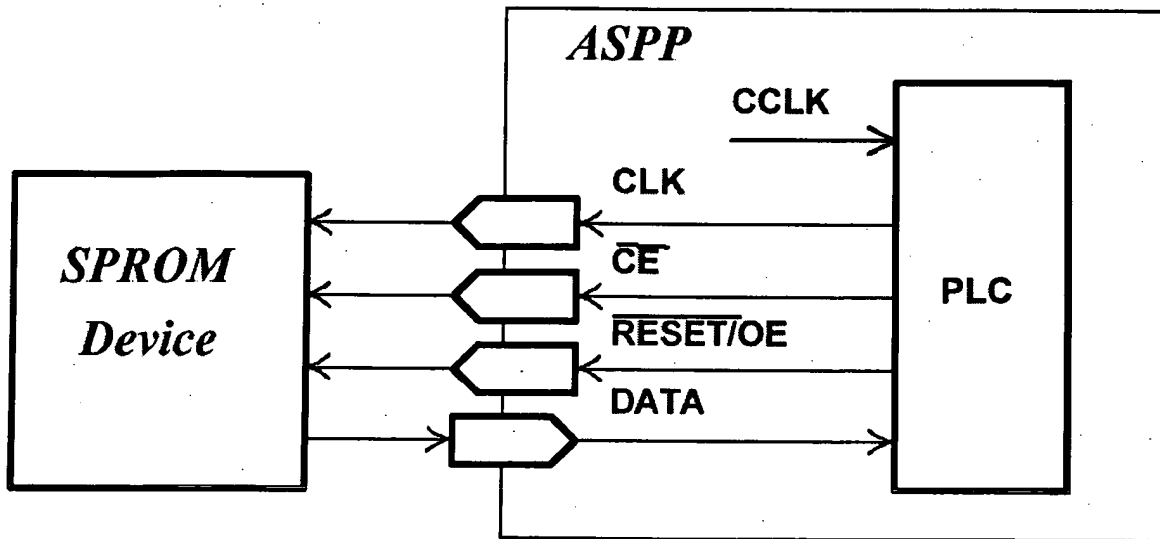


FIG. 12

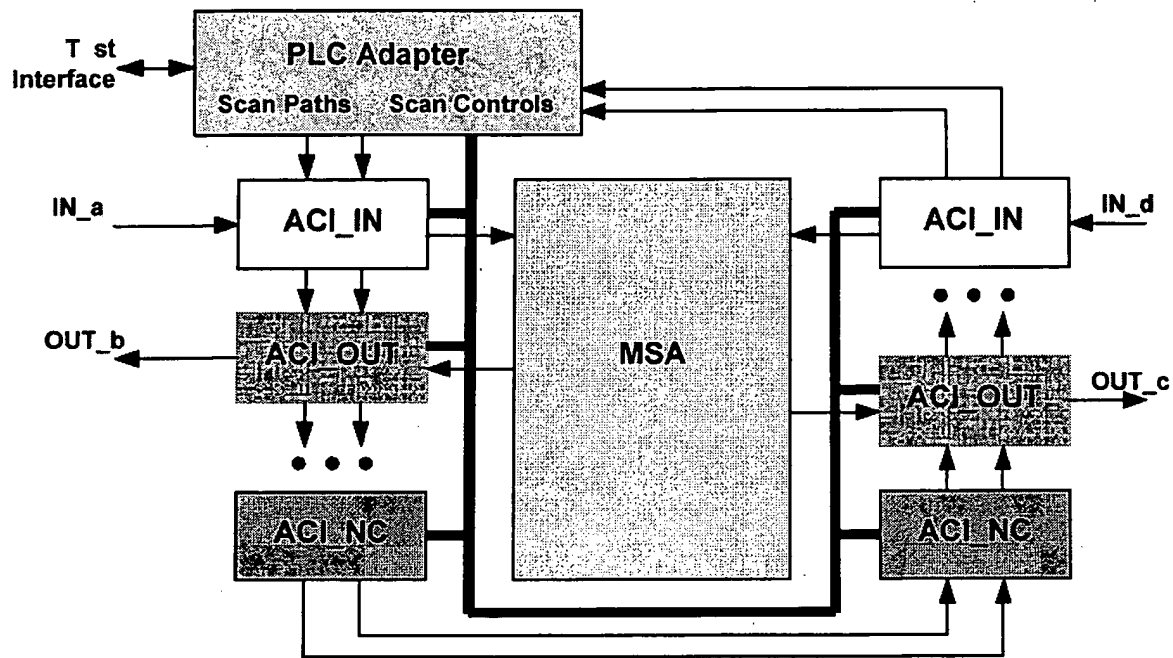


FIG. 13

10067151.012902



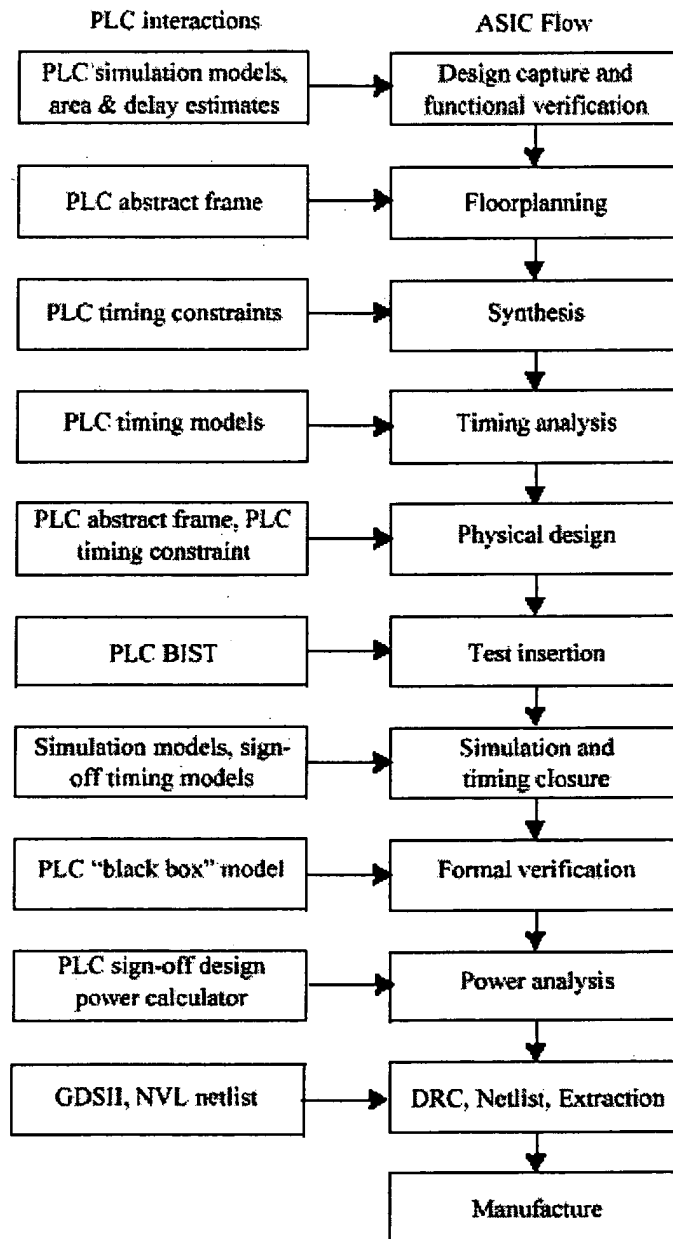


FIG. 14

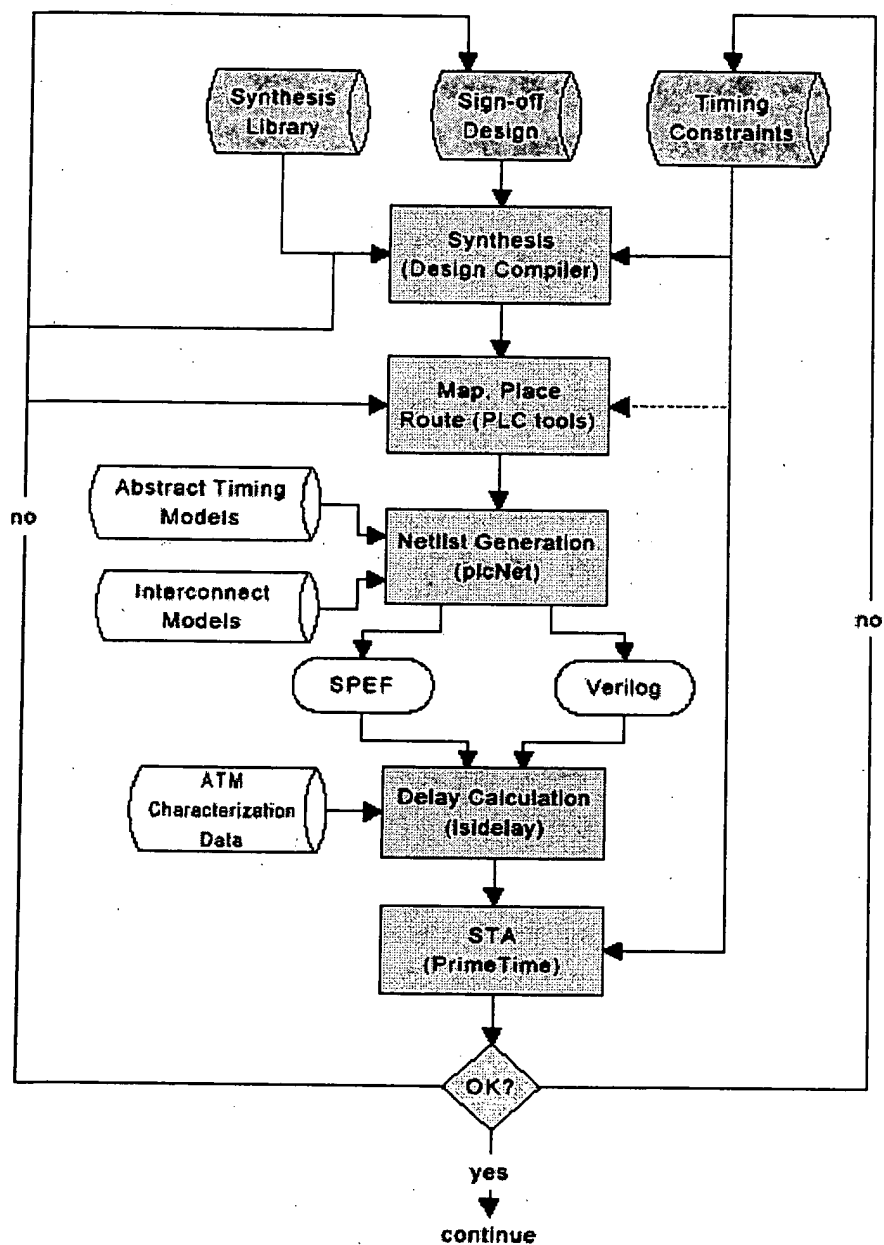


FIG. 15

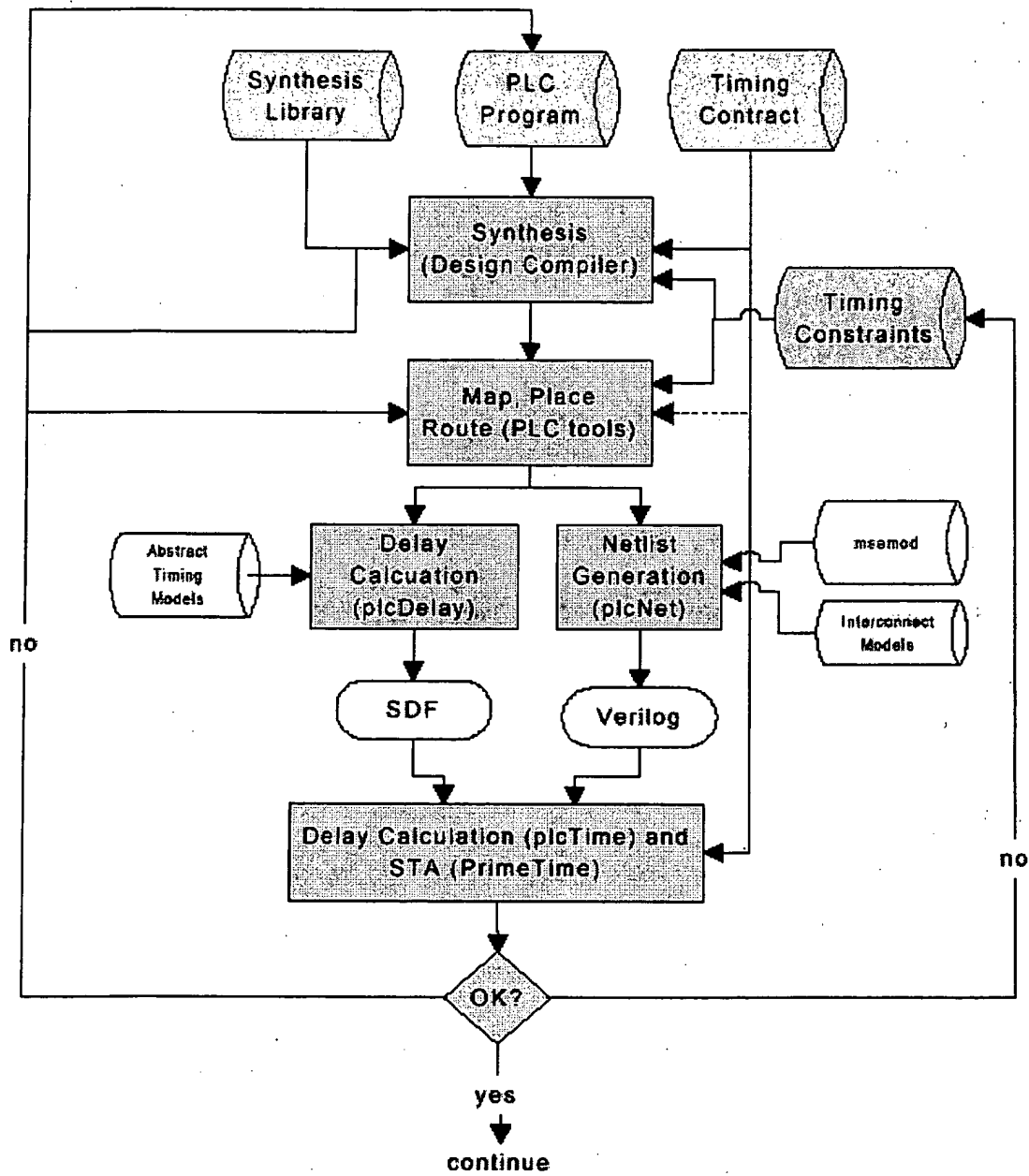


FIG. 16

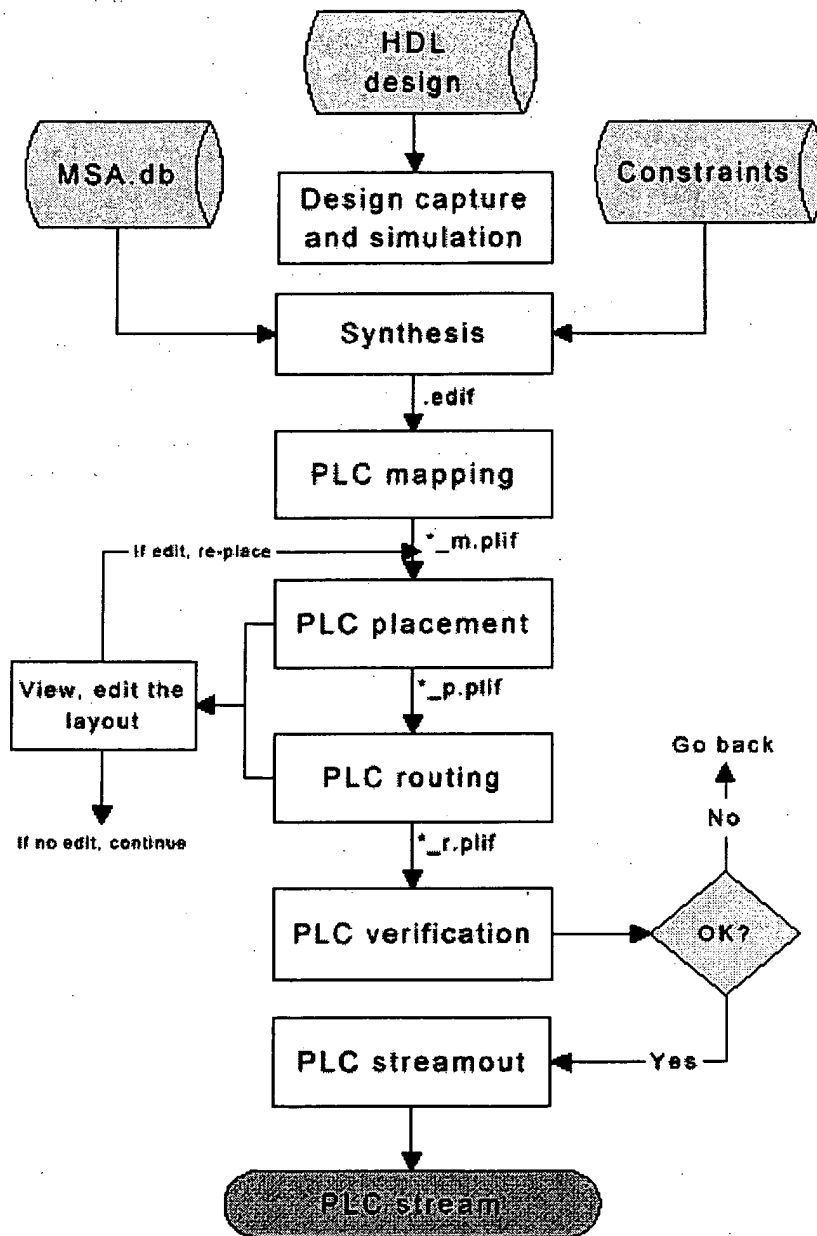


FIG. 17